Amendments to the Claims:

1. to 22. (Cancelled)

23. (New) A method of mass spectrometric analysis utilizing an electrospray device, comprising:

providing at least one microfabricated structure defining an electrospray device, said electrospray device formed at least in part by reactive-ion etching, said electrospray device including an entrance for receiving an analyte and a nozzle in communication with said entrance;

using said electrospray device to generate an electrospray of said analyte from said nozzle;

and positioning said electrospray nozzle to eject said electrospray from said nozzle into a sampling orifice of a mass spectrometer.

24. (New) The method of claim 23, further comprising:

providing at least first and second microfabricated structures defining at least first and second electrospray devices in a microfabricated device, said first electrospray device including a first entrance and a first nozzle in fluid communication with said first entrance, and said second electrospray device including a second entrance and a second nozzle in fluid communication with said second entrance, said first and second entrances effective for receiving first and second analytes, respectively;

using said at least first and second electrospray devices to generate first and second electrosprays of said first and second analytes in turn;

and positioning said at least first and second nozzles to eject said first and second electrosprays into said sampling orifice of said mass spectrometer.